RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/649,952B
Source: IFW16
Date Processed by STIC: 12/13/05

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IFW16

RAW SEQUENCE LISTING DATE: 12/13/2005
PATENT APPLICATION: **US/10/649,952B** TIME: 08:03:37

Input Set : **A:\10649952.ST25.txt**
Output Set: **N:\CRF4\12132005\J649952B.raw**

<110> APPLICANT: Daiichi Asubio Pharma Co., Ltd.
Miura, Kenja
Haruyama, Munetada
Kodama, Shiho
<120> TITLE OF INVENTION: Method of Promoting The Growth or Differentiation of Hematopoietic Stem or Progenitor Cells By Non-Muscle Type Cofilin
<130> FILE REFERENCE: 58777.000013
<140> CURRENT APPLICATION NUMBER: 10/649,952B
<141> CURRENT FILING DATE: 2003-08-28
<150> PRIOR APPLICATION NUMBER: PCT/JP02/13862
<151> PRIOR FILING DATE: 2002-12-27
<150> PRIOR APPLICATION NUMBER: JAPAN 400330/2001
<151> PRIOR FILING DATE: 2001-12-28
<160> NUMBER OF SEQ ID NOS: 8
<170> SOFTWARE: PatentIn version 3.3
<210> SEQ ID NO: 1
<211> LENGTH: 166
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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Asp Met Lys Val Arg Lys Ser Ser Thr Pro Glu Glu Val Lys Lys Arg
            20                  25                  30
Lys Lys Ala Val Leu Phe Cys Leu Ser Glu Asp Lys Lys Asn Ile Ile
        35                  40                  45
Leu Glu Glu Gly Lys Glu Ile Leu Val Gly Asp Val Gly Gln Thr Val
    50                  55                  60
Asp Asp Pro Tyr Ala Thr Phe Val Lys Met Leu Pro Asp Lys Asp Cys
65                  70                  75                  80
Arg Tyr Ala Leu Tyr Asp Ala Thr Tyr Glu Thr Lys Glu Ser Lys Lys
                85                  90                  95
Glu Asp Leu Val Phe Ile Phe Trp Ala Pro Glu Ser Ala Pro Leu Lys
            100                 105                 110
Ser Lys Met Ile Tyr Ala Ser Ser Lys Asp Ala Ile Lys Lys Lys Leu
        115                 120                 125
Thr Gly Ile Lys His Glu Leu Gln Ala Asn Cys Tyr Glu Glu Val Lys
    130                 135                 140
Asp Arg Cys Thr Leu Ala Glu Lys Leu Gly Gly Ser Ala Val Ile Ser
145                 150                 155                 160
Leu Glu Gly Lys Pro Leu
                165
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<210> SEQ ID NO: 2

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Input Set : **A:\10649952.ST25.txt**
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78 <211> LENGTH: 501
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 2
83 atggcctccg gtgtggctgt ctctgatggt gtcatcaagg tgttcaacga catgaaggtg 60
85 cgtaagtctt caacgccaga ggaggtgaag aagcgcaaga aggcggtgct cttctgcctg 120
87 agtgaggaca agaagaacat catcctggag gagggcaagg agatcctggt gggcgatgtg 180
89 ggccagactg tcgacgatcc ctacgccacc tttgtcaaga tgctgccaga taaggactgc 240
91 cgctatgccc tctatgatgc aacctatgag accaaggaga gcaagaagga ggatctggtg 300
93 tttatcttct gggcccccga gtctgcgccc cttaagagca aaatgattta tgccagctcc 360
95 aaggacgcca tcaagaagaa gctgacaggg atcaagcatg aattgcaagc aaactgctac 420
97 gaggaggtca aggaccgctg caccctggca gagaagctgg ggggcagtgc ggtcatctcc 480
99 ctggagggca agcctttgtg a 501
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 26
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer sequence for amplifying human cofilin gene
110 <400> SEQUENCE: 3
111 atggcctccg gtgtggctgt ctctga 26
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 26
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Primer sequence for amplifying human cofilin gene
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123 tcacaaaggc ttgccctcca gggaga 26
126 <210> SEQ ID NO: 5
127 <211> LENGTH: 12
128 <212> TYPE: PRT
129 <213> ORGANISM: Homo sapiens
131 <400> SEQUENCE: 5
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134 1 5 10
137 <210> SEQ ID NO: 6
138 <211> LENGTH: 11
139 <212> TYPE: PRT
140 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 6
144 Tyr Ala Leu Tyr Asp Ala Thr Tyr Glu Thr Lys
145 1 5 10
148 <210> SEQ ID NO: 7
149 <211> LENGTH: 14
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapiens
153 <400> SEQUENCE: 7
155 Leu Gly Gly Ser Ala Val Ile Ser Leu Glu Gly Lys Pro Leu

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156 1               5                   10
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160 <211> LENGTH: 501
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162 <213> ORGANISM: Homo sapiens
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167 cgtaagtctt caacgccaga ggaggtgaag aagcgcaaga aggcggtgct cttctgcctg    120
169 agtgaggaca agaagaacat catcctggag gagggcaagg agatcctggt gggcgatgtg    180
171 ggccagactg tcgacgaccc ctacgccacc tttgtcaaga tgctgccaga taaggactgc    240
173 cgctatgccc tctatgatgc aacctatgag accaaggaga gcaagaagga ggatctggtg    300
175 tttatcttct gggcccccga gtctgcgccc cttaagagca aaatgattta tgccagctcc    360
177 aaggacgcca tcaagaagaa gctgacaggg atcaagcatg aattgcaagc aaactgctac    420
179 gaggaggtca aggaccgctg caccctggca gagaagctgg ggggcagtgc cgtcatctcc    480
181 ctggagggca agcctttgtg a                                             501
```

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Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY DATE: 12/13/2005
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